

Ye Yuan

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EDUCATION

University of Exeter

PhD in Economics

MRes in Economics

MSc in Money, Banking and Finance

Exeter, UK

Expected 2026

2023

2020

North University of China

BSc in Economics and Statistics

Taiyuan, China

2019

EMPLOYMENT

Bayes Business School, City St George's, University of London

Postdoctoral Research Fellow

London, UK

2026-2027

FIELDS

Applied Microeconomics, Health Economics, Family Economics

REFERENCES

Professor Climent Quintana-Domeque

Department of Economics

University of Exeter, UK

c.quintana-domeque@exeter.ac.uk

Professor Damian Clarke

Department of Economics

University of Exeter, UK

dclarke@fen.uchile.cl

Dr Alejandro Robinson-Cortés

Department of Economics

University of Exeter, UK

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RESEARCH

Job Market Paper

- “[Congestion Spillovers in Multi-Stage Public Services: Evidence from England's Emergency Care System](#)” (with Damian Clarke)

Abstract: In multi-stage public service systems, congestion at one stage can propagate to others, but credible evidence on the magnitude of such spillovers is scarce. We study the emergency healthcare system in England, where hospital discharge delays create upstream congestion that traps ambulances at hospital doors and slows emergency response in the community. We exploit a £700 million discharge fund introduced during the winter of 2022–2023 that targeted hospital patient flow without directly intervening in ambulance services. Using regression discontinuity in time and difference-in-discontinuities design around the structural break in discharge rates, we find that the policy increased return of spontaneous circulation for cardiac arrest patients by 3.8 percentage points and 30-day survival by 2.4 percentage points. The mechanism operated through accelerated patient throughput which reduced ambulance handover delays and freed vehicles for emergency dispatch. With a back-of-the-envelope calculation, we show that the survival gains for cardiac arrest patients alone offset 11% of the programme's cost, given that the cardiac arrest patients represent just 0.6% of all hospital admissions. Our findings shed light on the importance of accounting for

cross-stage spillovers when evaluating public service interventions, and suggest that targeted investments to relieve bottlenecks can yield large system-wide benefits in emergency care.

Publications

- “[A Quantitative Review of Matching Papers in Economics: Evolution, Diversity, and Gender](#)” (with Climent Quintana-Domeque and Alejandro Robinson-Cortés).
Oxford Research Encyclopedia of Economics and Finance, November 2025.

Work in Progress

- “[Stigma, Concealment, and Marriage Matching: Biomarker Evidence from Korea](#)”
- “Labour Regulation and Sex Selection in China”
- “Education for Identity: Bidimensional Marriage Matching and Ethnic Preferences in China”

SEMINARS & CONFERENCES

- 2025 American-European Health Economics Study Group - IX Edition, University of Oxford, UK
South West Economics PhD Conference, University of Exeter, UK
- 2024 2nd Diversity and Human Capital Workshop, University of Exeter, UK

ACADEMIC SERVICE

Teaching

- | | |
|--|-----------|
| BEE1022 Tutorials of Introduction to Statistics (1st Year Undergraduate), Exeter | 2022-2025 |
| BEE2025 Tutorials of Microeconomics II (2nd Year Undergraduate), Exeter | 2023-2025 |

Research Assistance

- | | |
|---|--------------|
| For Prof Justin Tumlinson, University of Exeter | Jul-Sep 2023 |
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Referee Service

- Oxford Bulletin of Economics and Statistics*

Other

- Replicator for the *Royal Economic Society*

SCHOLARSHIPS & GRANTS

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|---|------|
| UEBS Additional Research Allowance (£691.8) | 2025 |
| UEBS Additional Research Allowance (£1646.8) | 2024 |
| University of Exeter Business School MRes + PhD Economics Scholarship | 2022 |

PROGRAMMING SKILLS

Python, Stata, Matlab, Julia, R

LANGUAGES

English, Mandarin